IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Watanabe et al. Appl. No.: Unknown

Filed:

September 21, 2005

Title:

DEVICE CONTROL PROCESSING APPARATUS AND METHOD, DISPLAY

PROCESSING APPARATUS AND METHOD, AND COMPUTER PROGRAM

Art Unit:

Unknown

Examiner:

Unknown

Docket No.:

112857-490

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

Sir:

I hereby certify that the following documents relating to the above-identified application:

- 1. Transmittal Letter (dup.);
- 2. Declaration and Power of Attorney (4 pages);
- 3. Check in the amount of \$130.00; and
- 4. Return receipt postcard.

are being deposited with the United States Postal Service with sufficient postage as

Express Mail in an envelope addressed to:

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on October 6, 2005.

10/14/2005 MKAYPAGH 00000141 10550195

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130.00 OP

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Heather Foster

Name of Person Mailing Forrespondence

EV 512725155 US

Express Mail Mailing Label Number

JC04 Rec'd PCT/PTO 05 OCT 2005

| FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE ATTORNEY'S DOCKET NUMBER REV. 2-2005) | | | | | | | | | |
|---|---|---|---|------------------------|--|--|--|--|--|
| NEV. 2- | TR/ | ANSMITTAL LETTER | 112857-00490 | | | | | | |
| | С | ESIGNATED/ELECTE | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | | | | | |
| С | ON | CERNING A SUBMISS | Unknown | | | | | | |
| NTER | | ONAL APPLICATION NO. | PRIORITY DATE CLAIMED | | | | | | |
| PCT/JP04/006613 May 11, 2004 May 28, 2003 | | | | | | | | | |
| | TITLE OF INVENTION DEVICE CONTROL PROCESSING APPARATUS AND METHOD, DISPLAY PROCESSING APPARATUS AND METHOD, | | | | | | | | |
| | AND COMPUTER PROGRAM | | | | | | | | |
| | | | | | | | | | |
| | APPLICANT(S) FOR DO/EO/US Watanabe et al. | | | | | | | | |
| | | | | | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | | | |
| | | | | | | | | | |
| 1. | | | ms concerning a submission under 35 U.S.C. | | | | | | |
| 2. | \boxtimes | | ENT submission of items concerning a submis | | | | | | |
| 3. | Ц | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. | | | | | | | |
| 4. | | The US has been elected (Article 31). | | | | | | | |
| 5. | | A copy of the International Applic | ation as filed (35 U.S.C. 371 (c)(2)) | | | | | | |
| | | a. is attached hereto (requ | ired only if not communicated by the Internati | ional Bureau). | | | | | |
| | | b. has been communicated by the International Bureau. | | | | | | | |
| | | c. is not required, as the a | pplication was filed in the United States Recei | iving Office (RO/US). | | | | | |
| 6. | | An English language translation of | of the International Application as filed (35 U.S | s.C. 371(c)(2)). | | | | | |
| | | a. ☐ is attached hereto. | | | | | | | |
| | | b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | | |
| 7. | | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) | | | | | | | |
| | | a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| | | b. have been communicated by the International Bureau. | | | | | | | |
| | | c. have not been made; h | owever, the time limit for making such amend | ments has NOT expired. | | | | | |
| | | d. have not been made ar | | | | | | | |
| 8. | | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | |
| 9. | \boxtimes | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). | | | | | | | |
| 10. | | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | | | | | | |
| 11. | | A copy of the International Preliminary Examination Report (PCT/IPEA/409). | | | | | | | |
| 12. | | A copy of the International Search Report (PCT/ISA/210). | | | | | | | |
| Ite | ems 1 | 3 to 23 below concern docume | nt(s) or information included: | | | | | | |
| 13. | | | ment under 37 CFR 1.97 and 1.98. | | | | | | |
| 14. | | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | |
| 15. | | A FIRST preliminary amendment. | | | | | | | |
| 16. | | A SECOND or SUBSEQUENT preliminary amendment. | | | | | | | |
| 17. | | A substitute specification. | | | | | | | |
| 18. | | A power of attorney and/or change of address letter. | | | | | | | |
| 19. | | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. | | | | | | | |
| 20. | | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | | | |
| 21. | | A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). | | | | | | | |
| 22. | \boxtimes | Express Mail Label No. EV 512725155 US | | | | | | | |
| 23. | \boxtimes | Other items or information: | | | | | | | |
| | | Return Receipt Postcard | | | | | | | |
| | | Check in the amount of \$130.00 | | | | | | | |
| | | | | | | | | | |

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLÍCATIO | INTERNATIONAL APPLICATION NO. | | | N NO. | ATTORNEY'S DOCKET NUMBER | | | | |
|--|--|------------------------------|--|----------------|--------------------------|-----------------|--------------|--------------------|--|
| | PCT/JP04/006613 | | | | 112857-00490 | | | | |
| The following fees are submitted: | | | | | | | CALCULATIONS | PTO USE | |
| 24. Basic national fee | | | | | | | \$ \$0.00 | | |
| If International pre satisfy provisions | ation fee eliminary examinati of PCT Article 33(s | \$ \$0.00 | | | | | | | |
| All other situations. \$200 26. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority. \$100 International Search Report prepared and provided to the Office \$400 All other situations. \$500 | | | | | | | \$ \$0.00 | | |
| TOTAL | OF 24, 25 and | 26 = | Cladia assas 40 | 10 ab | to (o | voludina | \$ \$0.00 | | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | | | | |
| Total Sheets | Extra Sheets | | f each additional 50 o eof (round up to a wh | | F | RATE | | | |
| - 100 = | 0 /50 = | | 0 | | | \$250.00 | \$ \$0.00 | | |
| Surcharge of \$13 earliest claimed p | Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | | | | | |
| CLAIMS | NUMBER FI | LED N | IUMBER EXTRA | <u></u> | RAT | E | | Г | |
| Total claims | | - 20 = | 0 | x | | \$50.00 | \$ \$0.00 | | |
| Independent clair | ns | - 3= | 0 | × | | \$200.00 | \$ \$0.00 | | |
| MULTIPLE DEPE | NDENT CLAIMS (| if applicable) | | + | | \$360.00 | \$ \$0.00 | | |
| | | | L OF ABOVE C | | | | \$ \$130.00 | | |
| | | atus. See 37 | CFR 1.27. The fees i | ndica | ated ab | ove are | \$ \$0.00 | | |
| reduced by | 114. | | | 5 | SUBT | OTAL = | \$ \$130.00 | | |
| Processing fee of the earliest claim | f \$130.00 for furnis ed priority date (3) | hing the Engl | ish translation later th | nan 3 | 0 mon | ths from | \$ \$0.00 | | |
| 2.5 5555 0.6 | , | | TOTAL N | TAI | IONA | L FEE = | \$ \$130.00 | | |
| Fee for recording accompanied by | the enclosed assign appropriate cov | gnment (37 C er sheet (37 | FR 1.21(h)). The as: CFR 3.28, 3.31). \$40 | signn) per | nent m proper | ust be rty + | \$ \$0.00 | | |
| | | | TOTAL FE | ES E | ENCL | OSED = | \$ \$130.00 | | |
| | | Amount to be | s | | | | | | |
| | | | | | | | Amount to be | \$ | |
| - (SZ) A - L - 1 | in the execut of the | 6130.0 | n to cover the | hove | o foos | is enclosed | | · | |
| | in the amount of \$ | | | | | | | er the above fees. | |
| A duplic | b. Please charge my Deposit Account No in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | | | |
| | c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-1818 . A duplicate copy of this sheet is enclosed. | | | | | | | | |
| d. Fees ard | - Conditional | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | | | | |
| Thomas C. Basso (46,541) SIGNATURE | | | | | | RE | | | |
| Customer No. 29175 Thomas C | | | | | | C. Basso | | | |
| NAME | | | | | | | | | |
| | 46,541 | | | | | | | | |
| REGISTRA | | | | | | | ATION NUMBER | | |

PCTUS1/REV06

| ORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE ATTORNEY'S DOCKET NUMBER REV. 2-2005) | | | | | | | | | |
|---|---|--|---|---------------------------------------|--|--|--|--|--|
| REV. 2 | | | ATTORNEY'S DOCKET NUMBER | | | | | | |
| | | ANSMITTAL LETTER | 112857-00490 | | | | | | |
| | | DESIGNATED/ELECTE | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | | | | | |
| C | ON | CERNING A SUBMISS | Unknown | | | | | | |
| NTEF | | ONAL APPLICATION NO. | PRIORITY DATE CLAIMED | | | | | | |
| TITLE | | PCT/JP04/006613 NVENTION | May 11, 2004 | May 28, 2003 | | | | | |
| | TITLE OF INVENTION DEVICE CONTROL PROCESSING APPARATUS AND METHOD, DISPLAY PROCESSING APPARATUS AND METHOD, | | | | | | | | |
| AND COMPUTER PROGRAM | | | | | | | | | |
| APPL | APPLICANT(S) FOR DO/EO/US | | | | | | | | |
| | Watanabe et al. | | | | | | | | |
| | | | | | | | | | |
| Applic | ant he | erewith submits to the United State | s Designated/Elected Office (DO/EO/US) the fo | ollowing items and other information: | | | | | |
| 1. | | This is a FIRST submission of iter | ms concerning a submission under 35 U.S.C. 3 | 371. | | | | | |
| 2. | \boxtimes | | <u>-</u> | | | | | | |
| 3. | | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), | | | | | | | |
| | | (9) and (24) indicated below. | | | | | | | |
| 4. | | The US has been elected (Article 31). | | | | | | | |
| 5. | | | ation as filed (35 U.S.C. 371 (c)(2)) | | | | | | |
| | | a. 🔲 is attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| | | | b. 🗋 has been communicated by the International Bureau. | | | | | | |
| | _ | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | | |
| 6. | | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | | |
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| | _ | b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | | |
| 7. | | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) | | | | | | | |
| | | a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| | | b. have been communicated by the International Bureau. | | | | | | | |
| | | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | |
| _ | _ | | d. have not been made and will not be made. | | | | | | |
| 8. | | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | |
| 9. | | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). | | | | | | | |
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| Ite | ems 1 | 3 to 23 below concern documen | t(s) or information included: | | | | | | |
| 13. | | | | | | | | | |
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| 17. | | A substitute specification. | | | | | | | |
| 18. | | A power of attorney and/or change of address letter. | | | | | | | |
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| 20. | | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | | | |
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| 22. | × | Express Mail Label No. EV 512725155 US | | | | | | | |
| 23. | Ø | Other items or information: | | | | | | | |
| | | Return Receipt Postcard | | | | | | | |
| | | Check in the amount of \$130.00 | | | | | | | |

PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION NO (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. | | | | | | | ATTORNEY'S DOCKET NUMBER | | |
|---|---|--------------------------------|--|-----------------|----------------|-------------------|--------------------------|---------|--|
| | Unknown | 112857-00490 | | | | | | | |
| The following fees are submitted: | | | | | | | CALCULATIONS | PTO USE | |
| 24. Basic national fee | | | | | | | \$ \$0.00 | | |
| 25. ☐ Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) | | | | | | | \$ \$0.00 | | |
| 26. Search fee | | | | | | | \$ \$0.00 | | |
| TOTA | L OF 24, 25 and | \$ \$0.00 | | | | | | | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | | | | |
| Total Sheets | Extra Sheets | | of each additional 50 reof (round up to a w | | | RATE | | | |
| - 100 = | 0 /50 = | | 0 | | × | \$250.00 | \$ \$0.00 | | |
| Surcharge of \$13 earliest claimed p | 0.00 for furnishing oriority date (37 C | the oath or d FR 1.492(e)). | leclaration later than | month | s fro | m the | \$ \$130.00 | | |
| CLAIMS | NUMBER F | ILED 1 | NUMBER EXTRA | <u> </u> | RA | TE | | | |
| Total claims | | - 20 = | 0 | × | | \$50.00 | \$ \$0.00 | | |
| Independent clair | ms | - 3= | 0 | х | | \$200.00 | \$ \$0.00 | | |
| MULTIPLE DEPE | ENDENT CLAIMS | | | + | | \$360.00 | \$ \$0.00 | | |
| | | | AL OF ABOVE C | | | | \$ \$130.00 | | |
| ☐ Applicant cla | | tatus. See 37 | CFR 1.27. The fees | indica | ited a | above are | \$ \$0.00 | | |
| | | | | | | TOTAL = | \$ \$130.00 | | |
| Processing fee o the earliest claim | f \$130.00 for furnished priority date (3 | shing the Eng 7 CFR 1.492 | lish translation later (f)). | than 3 | 0 mo | nths from | \$ \$0.00 | | |
| | | | | NAT | ON | AL FEE = | \$ \$130.00 | | |
| Fee for recording accompanied by | the enclosed ass an appropriate co | ignment (37 C ver sheet (37 | CFR 1.21(h)). The as CFR 3.28, 3.31). \$4 | ssignn 0 per | nent i prop | must be erty + | \$ \$0.00 | | |
| | | | TOTAL FE | ES E | ENC | LOSED = | \$ \$130.00 | | |
| | | Amount to be | \$ | | | | | | |
| | | | | | | | Amount to be | \$ | |
| a. 🛛 A check | in the amount of | \$ \$130.0 | 00 to cover the | above | fees | s is enclosed | · | | |
| | b. Please charge my Deposit Account No. in the amount of to cover the above fees. | | | | | | | | |
| c. 🗵 The Dire | A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-1818 . A duplicate copy of this sheet is enclosed. | | | | | | | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | | | | |
| Thomas C. Basso (46,541) SIGNATUR | | | | | | | ₹E | | |
| Customer No. 29175 Thomas C | | | | | | | C. Basso | | |
| NAME | | | | | | | | | |
| 46,541 | | | | | | | | | |
| REGISTRA | | | | | | | TION NUMBER | | |